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filings instead of iron, and treated in the same manner as the above No. I.

### III. *A polishing powder for general use.*

A certain quantity of the *caput mortuum* of vitriol, is heated to redness in a crucible for half an hour; it is afterwards levigated with water upon a glass plate, then several times edulcorated with boiling water, and the finest part is thrown upon a filter to dry. Four parts of this powder must be mixed with two parts of fine red-lead, well prepared, and one part of diaphoretic antimony. This mixture is dry, and forms the polishing powder.

The instruments must be polished with a piece of fine buck-skin; they are then to be made warm upon a stove, and the varnish applied to them with a brush.

Brass instruments which are to be made of a golden colour, should be heated until they become a deep yellow, and the varnish immediately put on. This varnish is scarcely perceptible on the surface, and is so durable, that the instruments may be heated for a long time without tarnishing.

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*Method of making a Varnish for Wood, which resists boiling Water; by M. Bempoiz, of Geneva.*

(From the Magasin des Erfindungen.)

To prepare this varnish, take of linseed

oil one pound and a half; amber, one pound; litharge pulverised, five ounces; white-lead pulverised, five ounces; minium, five ounces.

Boil the linseed oil in an untinned copper vessel, and suspend in it the litharge and the minium in a small bag, which must not touch the bottom of the vessel.

Continue the ebullition until the oil has acquired a deep brown colour; then take out the bag, and put in a clove of garlick; this is to be repeated seven or eight times, the ebullition being always continued.

Before the amber is added to the oil, it is to be mixed with two ounces of linseed oil, and melted over a fire that is well kept up. When the mass is fluid, it is to be poured into the linseed oil; this mixture is to be boiled and stirred continually for two or three minutes; afterwards filter the mixture, and preserve in it bottles tightly corked.

When this varnish is used, the wood must be previously well polished, and covered with a thin coat of soot and spirit of turpentine. When this coat is dry, some of the varnish may be applied, which should be distributed equally on every part with a small fine sponge. This operation is to be repeated four times, being always careful that each coat be well dried first. After the last coat of varnish, the wood must be dried in an oven, and afterwards polished.

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 PROCEEDINGS AT PUBLIC MEETINGS.
 

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EXTRACTS FROM THE PROCEEDINGS OF A GENERAL SYNOD AT COOKSTOWN, THE 29TH JUNE, 1815.

THE Rev. Thomas Makay, the Moderator, opened this Synod, by preaching from Ephesians II, 20; then constituted it by prayer. After which, were present

from the several Presbyteries the following members, viz., from

## MONAGHAN PRESBYTERY.

## Ministerr.

James Morell,  
James Gibson,  
Patrick Whyte,  
James Harpur,